

FIGURE 1

Dissociated Steroid: Transrepression > Transactivation

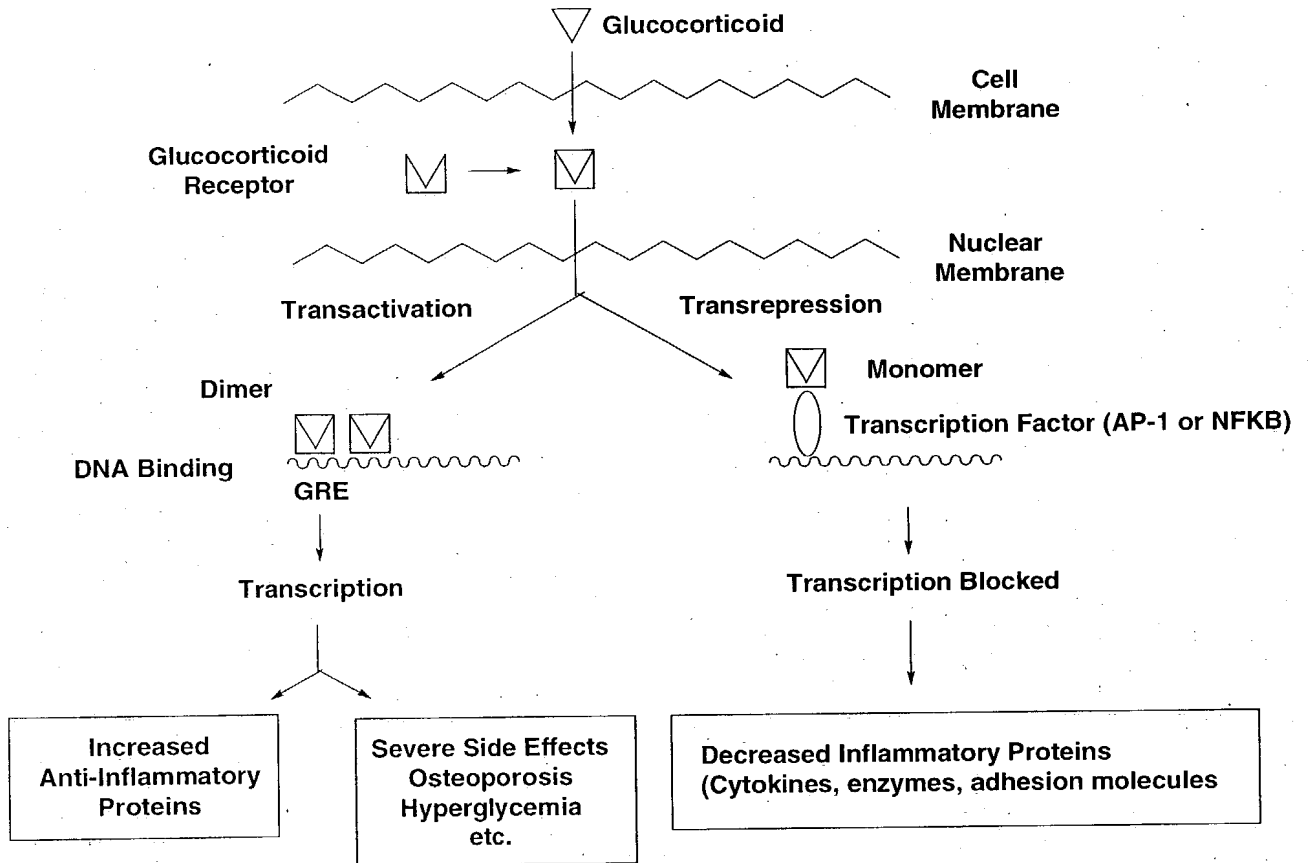


FIGURE 2

RXRalpha	225	S.....	ANEDM.....	.....	.....	PVE.RILEAE	LAVE.PKTET
RARgamma	182	L.....	SPQ..LEE..	.....	.....	LIT.KVSKAH	QETF..P....
PR	682	.....	.....Q.	.....LI.	.....P	PLINLLMSIE	..PD.V....
AR	669	.....	.....	.....C	Q.....P	IFLNVLEAIE	..PG.V....
ERalpha	305	.....	.....	.....	SLALSLTAD	QMVSAALLDAE	..PP.I....
ERbeta	261	.....	.....	.....	.....DALSPE	QLVLTLLAEAE	..PP.H....
VitDR	120	.LRPKL....	SEE..QQR..	.....	.....	IIA.ILLDAH	HKTY..D....
PPARgamma	207	E.....	SAD..LRA..	.....	.....	LAK.HLYDSY	IKSF..P....
MR	731	.....	.....S	RA.....LT.	.....P	SPVMVLENIE	..PE.I....
TRbeta	211	.....KPEP	TDE..EWE..	.....	.....	LIK.TVTEAH	VATNAQ....
GR	523	.....	.....	..ATLPQLT.	.....P	TLVSLLEVIE	..PE.V....
RXRalpha	249	YVEANMGLNP	SSPNDPVTN.	.....	.....IC.	.....	.....
RARgamma	203	.....	.....	.....	.....S	LCQL.GKYTT	N.....
PR	699	.....	.....I	YAGHDNTKPD	TSSSLTTS..	.....	.....
AR	685	.....	.....V	CAGHDNNQPD	SFAALLSS..	.....	.....
ERalpha	327	.....	.....L	YSEYDPTTRPF	SEASMMGL..	.....	.....
ERbeta	281	.....	.....V	LISR.....	TEASMMMS..	.....	.....
VitDR	145	.....	.....	.....	.....P	.....	..TYSDFCQFR
PPARgamma	.....	.....	.....	.....	.....	.....	.....
MR	750	.....	.....V	YAGYDSSKPD	TAENLLST..	.....	.....
TRbeta	236	.....	.....	.....	.....G	SHWKQKRKFL	P.....
GR	544	.....	.....L	YAGYDSSVPD	STWRIMTT..	.....	.....
RXRalpha	.....	.....	.....	.....	.....	.....	.....
RARgamma	214	..SSADHRVQ	L.....	.....	.....	.....	.....
PR	.....	.....	.....	.....	.....	.....	.....
AR	.....	.....	.....	.....	.....	.....	.....
ERalpha	.....	.....	.....	.....	.....	.....	.....
ERbeta	.....	.....	.....	.....	.....	.....	.....
VitDR	155	PPVRV.....	..NDGGGSVTL	ELS.....	.....	.....	.....
PPARgamma	228	.....	.....	...LTKAKAR	AILTGKTTDK	SPFVIYDMNS	LMMGEDKIKF
MR	.....	.....	.....	.....	.....	.....	.....
TRbeta	248	..EDIGQAPK	V.....	.....	.....	.....	.....
GR	.....	.....	.....	.....	.....	.....	.....
RXRalpha	271	.....	.....	..Q...AADK	QLFTLVEWAK	RIPHFSELPL	DDQVILLRAG
RARgamma	223	.....	...DLGLWDK	FSE...LATK	CIKIVEFAK	RLPGFTGLSI	ADQITLLKAA
PR	718	.....	.....	..LNQLGER	QLLSVVKWSK	SLPGFRNLHI	DDQITLIQYS
AR	705	.....	.....	..LNELGER	QLVHVVKWAK	ALPGFRNLHV	DDQMAVIQYS
ERalpha	345	.....	.....	..LTNLADR	ELVHMINWAK	RVPGFVDLTL	HDQVHLLCA
ERbeta	294	.....	.....	..LTKLADK	ELVHMTSWAK	KIPGFVELSL	FDQVRLLESC
VitDR	172	.....	...QLSMLPH	LAD...LVSY	STQKVIGFAK	MIPGFRDLTS	EDQIVLLKSS
PPARgamma	265	KHITPLQEQS	KEVAIRIFQG	CQF...RSVE	AVQETIYAK	SIPGFVNLDL	NDQVTLLKYG
MR	769	.....	.....	...LNRLAGK	OMIQVVKWAK	VLPGFKNLPL	EDQITLIQYS
TRbeta	257	.....	...DLEAFSH	FTK...IITP	AITRVVDFAK	KLPMFCELP	EDQIILLKGC
GR	563	.....	.....	...LNMLGGR	QVIAAVKWAK	AIPGFRNLHL	DDQMTLLQYS

FIGURE 2 (continued)

RXRalpha	306	WNELLIASFS	HRSIAV...	..KDGILLAT	GL...HVHRN	..S...AHSAG	VG.....
RARgamma	267	CLDILMLRIC	TRY...TPE.	..QDTMTFSD	GL...TLNRT	..Q...MH...	..NAGF....
PR	755	WMSLMVFGLG	WRSYK....H	VSGQMLYFAP	DL...ILNEQ	..R...MKESS	FY.....
AR	742	WMGLMVFAMG	WRSFT....N	VNSRMLYFAP	DL...VFNEY	..RM.HKSRM	Y.....
ERalpha	382	WLEILMIGLV	WRSME....	..HPGKLLFAP	NL...LLDRN	..Q.GKCV	EG MV.....
ERbeta	331	WMEVLMGLM	WRSID....	..HPGKLIFAP	DL...VLDRD	..E.GKCV	EG IL.....
VitDR	216	AIEVIMLRN	ESF...TMD.	...DMSWTCG	N.QDYKYRVS	..D...VT...	..KAGH....
PPARgamma	322	VHEIITYMLA	SLM...NK...	...DGVLISE	GQ...GFMTR	E.F...LK...	...SLRK
MR	806	WMCLSSFALS	WRSYK....H	TNSQFLYFAP	DL...VFNEE	..KM...HQSAM	YE.....
TRbeta	301	CMEIMSLRAA	VRV...DPE.	..SETLTLNG	EM...AVTRG	..Q...LK...	..NGGL....
GR	600	WMFLMAFALG	WRSYR....Q	SSANLLCFAP	DL...IINEQ	..R...MTLPC	MY.....
RXRalpha	345	...A..IF.DR	VLTELVS KM R	DMQMDKTEL G	CLRAIVL.FN	PDSKG...LS	.....
RARgamma	305	..GP..LT.DL	VFAFAGQLL.	PLEMDDTETG	LLSAICL.IC	GDRMD...LE	.....
PR	796	...S..LC.LT	MWQIPQEFV.	KLQVSQEEFL	CMKVLLL.LN	.TIP.LEGLR	.....
AR	783	...S..QC.VR	MRHLSQEF G	WLQITPQEF L	CMKALLL.FS	.IIP.VDGLK	.....
ERalpha	422	...E..IF.DM	LLATSSRFR.	MMNLQGE E FV	CLKSIILLNS	.GV.....	YTF.LSSTLK
ERbeta	371	...E..IF.DM	LLATTSRFR.	ELKLQHKEYL	CVKAMILLNS	.....	...LVTAT.Q
VitDR	255	..SLELI.EP	LIKQVGLK.	KLNLHEEEHV	LLMAICI.VS	PDRPG...VQ	.....
PPARgamma	359	PFGD.FM.EP	KFEFAVKFN.	ALELDDSDLA	IFIAVII.LS	GDRPG...LL	.....
MR	848	...L...C.QG	MHQISLQFV.	RLQLTFE EYT	IMKVLLL.LS	.TIP.KDGLK	.....
TRbeta	339	..GV.VS.DA	IFDLGMSLS.	SFNLLDTEVA	LLQAVLL.MS	SDRPG...LA	.....
GR	641	...D...QCKH	MLYVSSELH.	RLQVSYE EYL	CMKTL L L L.LS	.SVP.KDGLK	.....
RXRalpha	386	...NPAEVEA	LREKVYASLE	AYCKH..KYP	EQPG.....	...RFAKLLL	RLPALRSIGL
RARgamma	336	...EPEKVDK	LQEPLLEALR	LYARR..RRP	SQPY.....	...MFPRMLM	KITDLRGIST
PR	837	...SQTQFEE	MRSSYIRELI	KAIG...LRQ	K...GVV..S	SSQRFYQLTK	LLDNLHDLVK
AR	824	...NQKFFDE	LRMNYIKELD	RIIA...CKR	K...NPT..S	CSRRFYQLTK	LLDSVQPIAR
ERalpha	467	SLEEKDHIHR	VLDKITDTLI	HLMA...KAG	L...TLQ..Q	QHERLAQLLL	ILSHIRHMSN
ERbeta	411	DADSSRKL AH	LLNAVTDALV	WVIA...KSG	I...SSQ..Q	QSMRLANLLM	LLSHVRHASN
VitDR	297	...DAALIEA	IQDRLSNTLQ	TYIRC..RHP	PP.L.....	...LYAKMIQ	KLADLRSLNE
PPARgamma	402	...NVKPIED	IQDNL LQALE	LQLKL..NHP	ESSQ.....	...LFAKLLQ	KMTDLRQIVT
MR	888	...SQAAFEE	MRTNYIKELR	KMVT..KCPNN	S...G....Q	SWQRFYQLTK	LLDSMHD LVS
TRbeta	380	...CVERIEK	YQDSFLLAFE	HYINY..RKH	HVTH.....	...FWPKLLM	KVTDLRMIGA
GR	681	...SQELFDE	IRMTYIKELG	KAIV...KRE	G...N...SSQ	NWQRFYQLTK	LLDSMHEVVE
RXRalpha	432	KCLEHLFFFK	LIGDTPIDTF	LMEMLEAPHQ	MT.....	.....	.....
RARgamma	382	KGAERA....	.....	.....	...ITLKMEI	PGP...MPP	LIREMLENP.
PR	886	QLHLYC....	.....	.....	.....	.....	...L
AR	873	ELHQFT....	.....	.....	.....	.....	...F
ERalpha	519	KGMEHL....	.....	.....	.....	.....	...Y
ERbeta	463	KGMEHL....	.....	.....	.....	.....	...L
VitDR	342	EHSKQY....	.....	.....	...RCLSFQP	ECSMK..LTP	LVLEVFG...
PPARgamma	448	EHVQLL....	.....	.....	..QVIKKTET	DMS...LHP	LLQEYKDL.
MR	937	DLLEFC....	.....	.....	.....	.....	...F
TRbeta	426	CHASRF....	.....	.....	...LHMKVEC	PT...ELFPP	LFLEVFE...
GR	730	NLLNYC....	.....	.....	.....	.....	...F

2

1

FIGURE 3

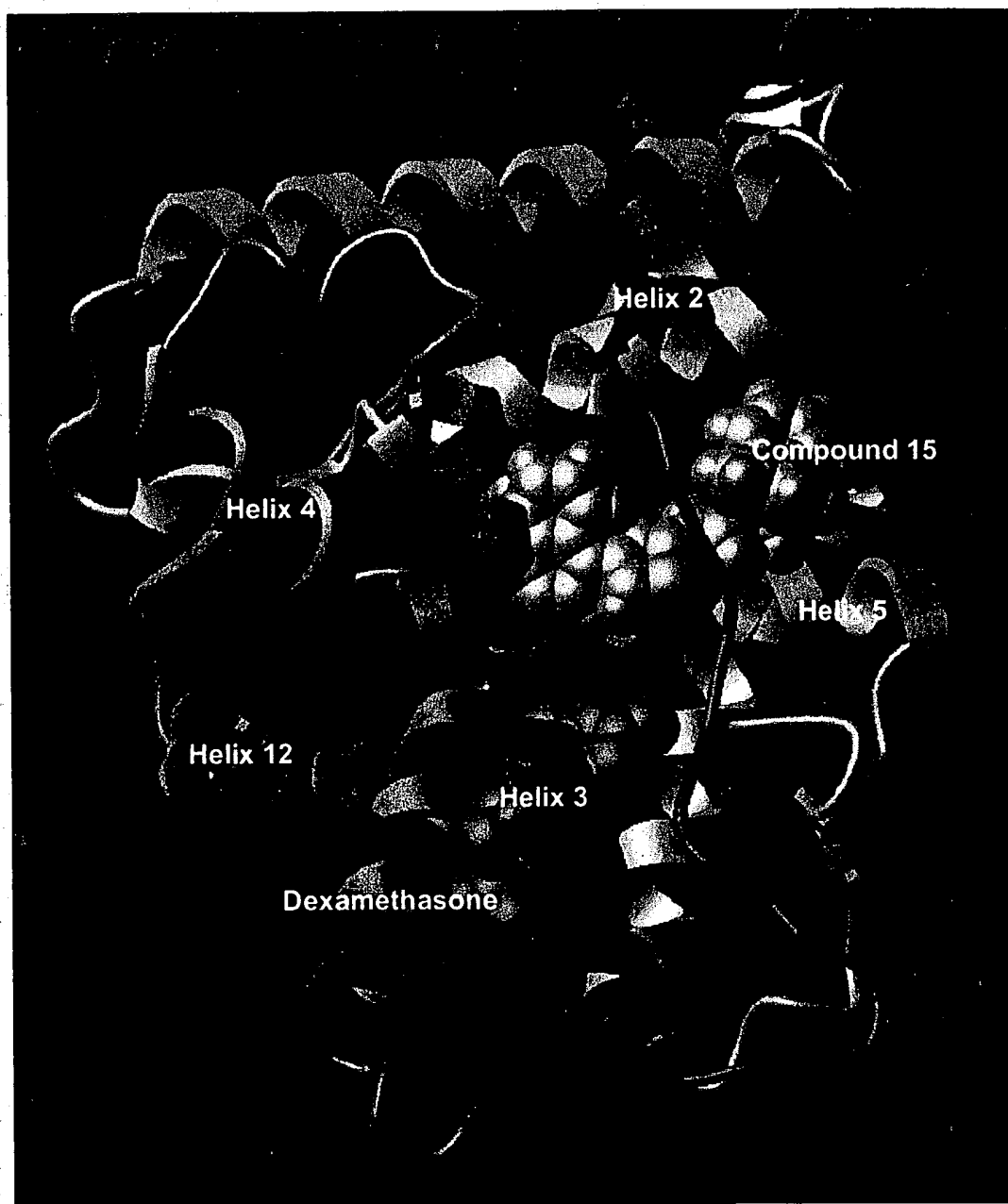


Figure 3.

FIGURE 4

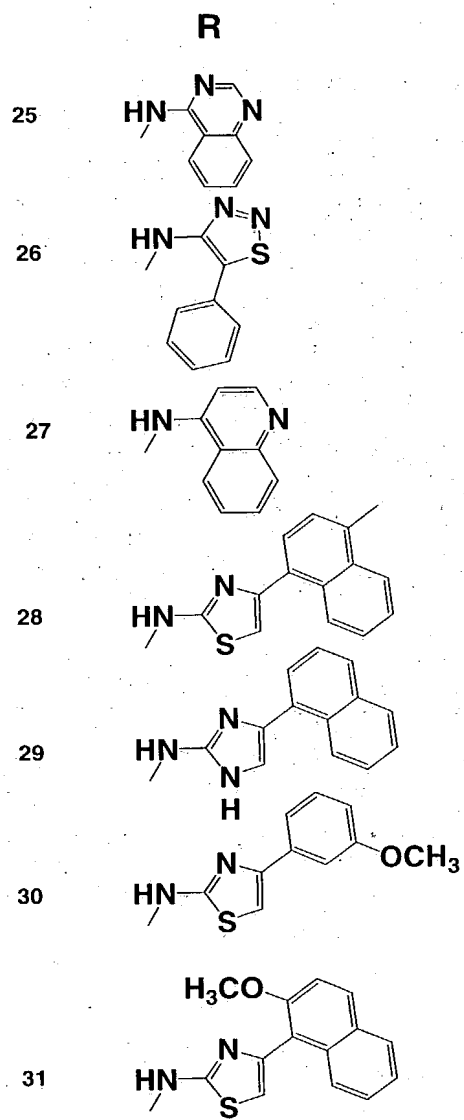
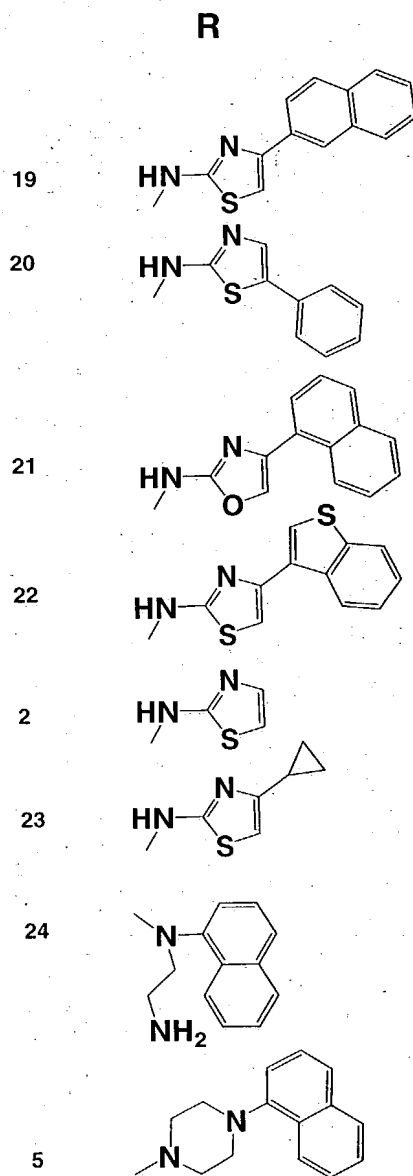
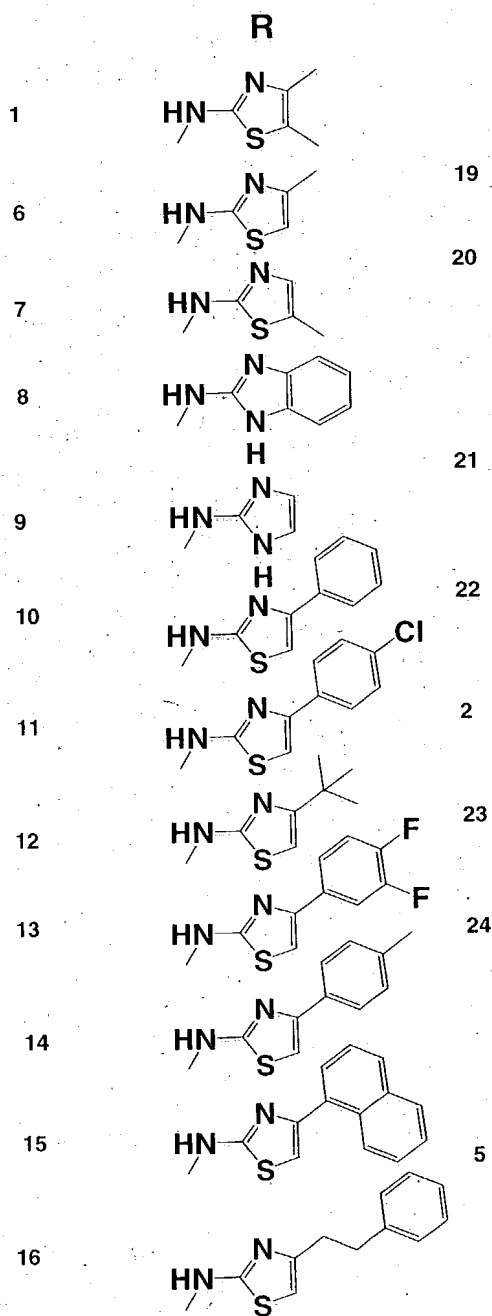
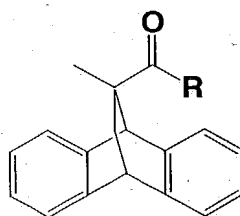


FIGURE 5

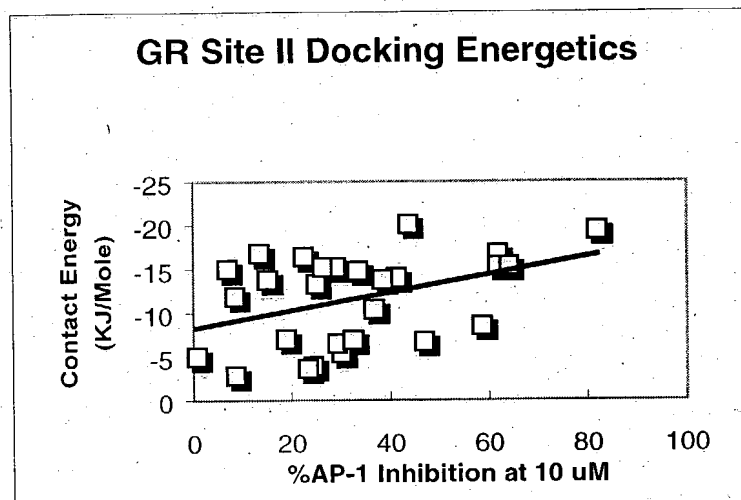


FIGURE 6

u87951 Squirrel	MDSKESLTP.	GKEENPSSVL	TQERGNVMDF	CKILRGGATL	KVSVSSTSLA
AF141371 Pig	.....	.....	.....	.....	.....
113196 Guinea Pig	MDLKESVTSS	..KEVPSSVL	GSERRNVIDF	YKTVRGGATV	KVSASSPSLA
u87953 Marmoset	MDSKESLTP.	GKEENPSSVL	TQERGNVMDF	CKILRGGATL	KVSVSSTSLA
u87952 Ma'z Monkey	MDSKESLTP.	GKEENPSSVL	TQERGNVMDF	SKILRGGATL	KVSVSSTSLA
Human	MDSKESLTP.	GREENPSSVL	AQERGDVMDF	YKTLRGGATV	KVSASSPSLA
m14053 rat	MDSKESLAPP	GRDEVPGSLL	GQGRGSVMDF	YKSLRGGATV	KVSASSPSVA
x04435 mouse	MDSKESLAPP	GRDEVPSLL	GRGRGSVMDL	YKTLRGGATV	KVSASSPSVA

u87951 Squirrel	AASQSDSKQQ	RLLVDFPKGS	VSNAQQ....	.....	.....PDLs
AF141371 Pig	.....	VSASSPSLA	AVSQPDSKQQ	RLAVDFPKGS	GSNAQQPDLs
113196 Guinea Pig	AAASQSDSKQR	RLLVDFPKGS	GSNAQQ....	.....	.....PDLs
u87953 Marmoset	AASQSDSKQQ	RLLVDFPKGS	VSNAQQ....	.....	.....PDLs
u87952 Ma'z Monkey	AASQSDSKQQ	RLLVDFPKGS	VSNAQQ....	.....	.....PDLs
Human	VASQSDSKQR	RLLVDFPKGS	VSNAQQ....	.....	.....PDLs
m14053 rat	AASQADSKQQ	RILLDFSKGS	TSNVQQRQQQ	QQQQQQQQQQ	QQQQQQPGLs
x04435 mouse	AASQADSKQQ	RILLDFSKGS	ASNAQQ....	.....QQ	QQQQQPDLs

u87951 Squirrel	KAVSLSMGLY	MGETETKVMG	NDLGFPQQGQ	ISLSSGETDL	QLLEESIANL
AF141371 Pig	KAVSLSMGLY	MGETETKVMG	SDLGFPQQGQ	ISLSSGETDF	RLLEESIANL
113196 Guinea Pig	KAVSLSMGLY	MGETETKVMG	NDLGFPQQGQ	ISLPSGETDF	RLLEESIANL
u87953 Marmoset	KAVSLSMGLY	MGETETKVMG	NDLGFPQQGQ	ISLSSGETDL	QLLEESIANL
u87952 Ma'z Monkey	KAVSLSMGLY	MGETETKVMG	NDLGFPQQGQ	ISLSSGETDL	QLLEESIANL
Human	KAVSLSMGLY	MGETETKVMG	NDLGFPQQGQ	ISLSSGETDL	KLLEESIANL
m14053 rat	KAVSLSMGLY	MGETETKVMG	NDLGYPQQGQ	LGLSSGETDF	RLLEESIANL
x04435 mouse	KAVSLSMGLY	MGETETKVMG	NDLGYPQQGQ	LGLSSGETDF	RLLEESIANL

u87951 Squirrel	NRSTSVPENP	KSSASSSVSA	APKEKEFPKT	HSDVSSEQQN	LKGQTGSNGG
AF141371 Pig	SRSTSVPENP	KSSASAAGPA	APA EKAFPKT	HSDGAPEQPN	VKGQTGTNGG
113196 Guinea Pig	SRSTSVPENP	KNSASA.VSG	TPTE.EFPKT	QSDLSSEQEN	LKSQAGTNGG
u87953 Marmoset	NRSTSVPENP	KSSASSSVSA	APKEKEFPKT	HSDVSSEQQN	LKGQTGTNGG
u87952 Ma'z Monkey	NRSTSVPENP	KSSASSSVSA	APKEKEFPKT	HSDVSSEQQN	LKGQTGTNGG
Human	NRSTSVPENP	KSSASTAVSA	APTEKEFPKT	HSDVSSEQQH	LKGQTGTNGG
m14053 rat	NRSTSVPENP	KSSTSATGCA	TPTEKEFPKT	HSDASSEQQN	RKSQTGTNGG
x04435 mouse	NRSTSRPENP	KSSTPAAGCA	TPTEKEFPQT	HSDPSSEQQN	RKSQPGTNGG

u87951 Squirrel	NVKLYTADQS	TFDI....LQ	DLEFSSGSPG	KETNQSPWKS	DLLIDENCLL
AF141371 Pig	NVKLFTTDQS	TFDIWRKKLQ	DLELPSGSPG	KETSESPWSS	DLLIDENCLL
113196 Guinea Pig	NVK.FPPDQS	TFDI....LK	DLEFSSGSPG	KERSESPWRP	DLLMDESCLL
u87953 Marmoset	NAKLC'TADQS	TFDI....LQ	DLEFSSGSPG	KETNQSPWRS	DLLIDENCLL
u87952 Ma'z Monkey	NVKLYTADQS	TFDI....LQ	DLEFSSGSPG	KETNQSPWRS	DLLIDENCLL
Human	NVKLYTTDQS	TFDI....LQ	DLEFSSGSPG	KETNESPWRS	DLLIDENCLL
m14053 rat	SVKLYPTDQS	TFDL....LK	DLEFSAGSPS	KDTNESPWRS	DLLIDEN.LL
x04435 mouse	SVKLYTTDQS	TFDI....LQ	DLEFSAGSPG	KETNESPWRS	DLLIDEN.LL

FIGURE 6 (Continued)

u87951 Squirrel	SPLAGEEDSF	LLEGNSNEDC	KPLILPDTKP	KIKDNGDLVL	SSSSNVTLPQ
AF141371 Pig	SPLAGEEDPF	LLEGSTEDC	KPLVLPDTKP	KVKDNGELIL	PSPNSVPLPQ
113196 Guinea Pig	SPLAGEDDPF	LLEGNSNEDC	KPLILPDTKP	KIKDNGDGIL	SSSNVPPQPQ
u87953 Marmoset	SPLAGEEDSF	LLEGNSNEDC	KPLILPDTKP	KIKDNGDLVL	SSSSNVTLPQ
u87952 Ma'z Monkey	SPLAGEEDSF	LLEGNSNEDC	KPLILPDTKP	KIKDNGDLVL	SSSSNVTLPQ
Human	SPLAGEEDSF	LLEGNSNEDC	KPLILPDTKP	KIKDNGDLVL	SSPSNVTLPQ
m14053 rat	SPLAGEDDPF	LLEGNTNEDC	KPLILPDTKP	KIKDTGDTIL	SSPSVALPQ
x04435 mouse	SPLAGEDDPF	LLEGVNEDC	KPLILPDTKP	KIQDTGDTIL	SSPSVALPQ

u87951 Squirrel	VKTEKEDFIE	LCTPGVIKQE	KLSTVYCQAS	FPGANIIGNK	MSAISIHGVS
AF141371 Pig	VKTEKEDFIE	LCTPGVIKQE	KLGPAYCQAS	FSGANIIGGK	MSAISVHGVS
113196 Guinea Pig	VKIGKEDFIE	LCTPGVIKQE	KLGPVYCQAS	FSGANIIGNK	MSAISVHGVS
u87953 Marmoset	VKTEKEDFIE	LCTPGVIKQE	KLSTVYCQAS	FPGANIIGNK	MSAISIHGVS
u87952 Ma'z Monkey	VKTEKEDFIE	LCTPGVIKQE	KLSTVYCQAS	FPGANVIGNK	MSAISIHGVS
Human	VKTEKEDFIE	LCTPGVIKQE	KLGTVYCQAS	FPGANIIGNK	MSAISVHGVS
m14053 rat	VKTEKDDFIE	LCTPGVIKQE	KLGPVYCQAS	FSGTNIIGNK	MSAISVHGVS
x04435 mouse	VKTEKDDFIE	LCTPGVIKQE	KLGPVYCQAS	FSGTNIIGNK	MSAISVHGVS

u87951 Squirrel	TSGGQMYHYD	MNTA.SLSQQ	QDQKPIFNVI	PPIPVGSENW	NRCQSGDDN
AF141371 Pig	TSGGQLYHYD	MNTAASLSKQ	QEOKPLFNVI	PPIPVGSENW	NRCQSGDDN
113196 Guinea Pig	TSGGQMYHYD	MNTA.SLSQQ	QDQKPIFNVI	PPIPVGSENW	NRCQSGEDN
u87953 Marmoset	TSGGQMYHYD	MNTA.SLSQQ	QDQKPIFNVI	PPIPVGSENW	NRCQSGDDN
u87952 Ma'z Monkey	TSGGQMYHYD	MNTA.SLSQQ	QDQKPIFNVI	PPIPVGSENW	NRCQSGDDN
Human	TSGGQMYHYD	MNTA.SLSQQ	QDQKPIFNVI	PPIPVGSENW	NRCQSGDDN
m14053 rat	TSGGQMYHYD	MNTA.SLSQQ	QDQKPVFNVI	PPIPVGSENW	NRCQSGEDS
x04435 mouse	TSGGQMYHYD	MNTA.SLSQQ	QDQKPVFNVI	PPIPVGSENW	NRCQSGEDN

u87951 Squirrel	LTSLGTLNFP	GRTVFSNGYS	SPSMRPDVSS	PPSSSSTATT	GPPPKLCLVC
AF141371 Pig	LTSLGTLNFS	GRSVFSNGYS	SPGMRPDVSS	PPSSSSAAT.	GPPPKLCLVC
113196 Guinea Pig	LTSLGTVNFP	GRSVFSNGYS	SPGLRPDVSS	PPSSSST.TT	GPPPKLCLVC
u87953 Marmoset	LTSLGTLNFP	GRTVFSNGYS	SPSMRPDVSS	PPSSSSTATT	GPPPKLCLVC
u87952 Ma'z Monkey	LTSLGTLNFP	GRTVFSNGYS	SPSMRPDVSS	PPSSSSTATT	GPPPKLCLVC
Human	LTSLGTLNFP	GRTVFSNGYS	SPSMRPDVSS	PPSSSSTATT	GPPPKLCLVC
m14053 rat	LTSLGALNFP	GRSVFSNGYS	SPGMRPDVSS	PPSSSSAAT.	GPPPKLCLVC
x04435 mouse	LTSLGAMNFA	GRSVFSNGYS	SPGMRPDVSS	PPSSSSTAT.	GPPPKLCLVC

u87951 Squirrel	SDEASGCHYG	VLTCGSCKVF	FKRAVEGQHN	YLCAGRNDCI	IDKIRRKNCP
AF141371 Pig	SDEASGCHYG	VLTCGSCKVF	FKRAVEGQHN	YLCAGRNDCI	IDKIRRKNCP
113196 Guinea Pig	SDELSGCHYG	VLTCGSCKVF	FKRAVEGQHN	YLCAGRNDCI	IDKIRRENCNCP
u87953 Marmoset	SDEASGCHYG	VLTCGSCKVF	FKRAVEGQHN	YLCAGRNDCI	IDKIRRKNCP
u87952 Ma'z Monkey	SDEASGCHYG	VLTCGSCKVF	FKRAVEGQHN	YLCAGRNDCI	IDKIRRKNCP
Human	SDEASGCHYG	VLTCGSCKVF	FKRAVEGQHN	YLCAGRNDCI	IDKIRRKNCP
m14053 rat	SDEASGCHYG	VLTCGSCKVF	FKRAVEGQHN	YLCAGRNDCI	IDKIRRKNCP
x04435 mouse	SDEASVCHYG	VLTCGSCKVF	FKRAVEGQHN	YLCAGRNDCI	IDKIRRKNCP

FIGURE 6 (Continued)

u87951 Squirrel	ACRYRKCLQA	GMNLEARKTK	KKIKGIQQAT	TGVSQETSEN	PANKTIVPAT
AF141371 Pig	ACRYRKCLQA	GMNLEARKTK	KKIKGIQQAT	TGVSQETSEN	SANKTIVPAT
113196 Guinea Pig	ACRYRKCLQA	GMNLQARKTK	KKIKGIQQAT	TGVSQNTSEN	P.NKTIVPAT
u87953 Marmoset	ACRYRKCLQA	GMNLEARKTK	KKIKGIQQAT	TGVSQETSEN	PANKTIVPAT
u87952 Ma'z Monkey	ACRYRKCLQA	GMNLEARKTK	KKIKGIQQAT	TGVSQETSEN	PANKTIVPAT
Human	ACRYRKCLQA	GMNLEARKTK	KKIKGIQQAT	TGVSQETSEN	PGNKTIVPAT
m14053 rat	ACRYRKCLQA	GMNLEARKTK	KKIKGIQQAT	AGVSQDTSEN	P.NKTIVPAA
x04435 mouse	ACRYRKCLQA	GMNLEARKTK	KKIKGIQQAT	AGVSQDTSEN	.ANKTIVPAA

u87951 Squirrel	525	LPQLTPTLV	LLEVIEPEVL	YAGYDSTVPD	STWRIMTTLN	MLGGRQVIAA
AF141371 Pig	489	LPQLTPTLV	LLEVIEPEVL	YAGYDSSIPD	STWRIMTALN	MLGGRQVIAA
113196 Guinea Pig	519	LPQLTPTLV	LLEVIEPEVI	HSGYDSTSPD	STWRIMTTLN	MLGGRQVIAA
u87953 Marmoset	525	LPQLTPTLV	LLEVIEPEVL	YAGYDSTVPD	STWRIMTTLN	MLGGRQVIAA
u87952 Ma'z Monkey	525	LPQLTPTLV	LLEVIEPEVL	YAGYDSTVPD	STWRIMTTLN	MLGGRQVIAA
Human	525	LPQLTPTLV	LLEVIEPEVL	YAGYDSSVPD	STWRIMTTLN	MLGGRQVIAA
m14053 rat	543	LPQLTPTLV	LLEVIEPEVL	YAGYDSSVPD	SAWRIMTTLN	MLGGRQVIAA
x04435 mouse	531	LPQLTPTLV	LLEVIEPEVL	YAGYDSSVPD	SAWRIMTTLN	MLGGRQVIAA

u87951 Squirrel	575	VKWAKAIPGF	RNLHLDDQMT	LLQYSWMFLM	AFALGWRYSYR	QASSNLLCFA
AF141371 Pig	539	VKWAKAIPGF	RNLHLDDQMT	LLQYSWMFLM	VFALGWRYSYR	QSSASLLCFA
113196 Guinea Pig	569	VKWAKAIPGF	RNLHLDDQMT	LLQYSWMFLM	AFALGWRYSYK	QSNGLLLCFA
u87953 Marmoset	575	VKWAKAIPGF	RNLHLDDQMT	LLQYSWMFLM	AFALGWRYSYR	QASSNLLCFA
u87952 Ma'z Monkey	575	VKWAKAIPGF	RNLHLDDQMT	LLQYSWMFLM	AFALGWRYSYR	QASSNLLCFA
Human	575	VKWAKAIPGF	RNLHLDDQMT	LLQYSWMFLM	AFALGWRYSYR	QSSANLLCFA
m14053 rat	593	VKWAKAILGL	RNLHLDDQMT	LLQYSWMFLM	AFALGWRYSYR	QSSGNLLCFA
x04435 mouse	581	VKWAKAIPGF	RNLHLDDQMT	LLQYSWMFLM	AFALGWRYSYR	QASGNLLCFA

u87951 Squirrel	625	PDLIINEQRM	TLPCMYDQCK	HMLYVSSELH	RLQVSYYEYL	CMKTLLLLSS
AF141371 Pig	589	PDLVINEQRM	ALPCMYDQCR	HMLYVSSELQ	RLQVSYYEYL	CMKTLLLLSS
113196 Guinea Pig	619	PDLIINEQRM	SLPWMYDQCR	YMLYVSSELK	RLQVSYYEYL	CMKTLLLLSS
u87953 Marmoset	625	PDLIINEQRM	TLPCMYDQCK	HMLYVSSELH	RLQVSYYEYL	CMKTLLLLSS
u87952 Ma'z Monkey	625	PDLIINEQRM	TLPCMYDQCK	HMLYVSSELH	RLQVSYYEYL	CMKTLLLLSS
Human	625	PDLIINEQRM	TLPCMYDQCK	HMLYVSSELH	RLQVSYYEYL	CMKTLLLLSS
m14053 rat	643	PDLIINEQRM	SLPCMYDQCK	HMLFVSSELQ	RLQVSYYEYL	CMKTLLLLSS
x04435 mouse	631	PDLIINEQRM	TLPCMYDQCK	HMLFISTELQ	RLQVSYYEYL	CMKTLLLLSS

u87951 Squirrel	VPKDGLKSQE	LFDEIRMTYI	KELGKAIVKR	EGNSSQNWQR	FYQLTKLLDS
AF141371 Pig	VPKDGLKSQE	LFDEIRMTYI	KELGKAIVKR	EGNSSQNWQR	FYQLTKLLDS
113196 Guinea Pig	VPKEGLKSQE	LFDEIRMTYI	KELGKAIVKR	EGNSSQNWQR	FYQLTKLLDS
u87953 Marmoset	VPKDGLKSQE	LFDEIRMTYI	KELGKAIVKR	EGNSSQNWQR	FYQLTKLLDS
u87952 Ma'z Monkey	VPKDGLKSQE	LFDEIRMTYI	KELGKAIVKR	EGNSSQNWQR	FYQLTKLLDS
Human	VPKDGLKSQE	LFDEIRMTYI	KELGKAIVKR	EGNSSQNWQR	FYQLTKLLDS
m14053 rat	VPKEGLKSQE	LFDEIRMTYI	KELGKAIVKR	EGNSSQNWQR	FYQLTKLLDS
x04435 mouse	VPKEGLKSQE	LFDEIRMTYI	KELGKAIVKR	EGNSSQNWQR	FYQLTKLLDS

FIGURE 6 (Continu d)

u87951 Squirrel	MHEVVENLLN	YCFQTFLDKT	MSIEFPEMLA	EIITNQLPKY	SNGNIKKLLF
AF141371 Pig	MHDVVENLLN	YCFQT.....	.....	.....	.....
l13196 Guinea Pig	LHEIVGNLLN	ICFKTFLDKT	MNIEFPEMLA	EIITNQLPKY	SNGDIKKLLF
u87953 Marmoset	MHEVVENLLN	YCFQTFLDKT	MSIEFPEMLA	EIITNQLPKY	SNGNIRKLLF
u87952 Ma'z Monkey	MHEVVENLLN	YCFQTFLDKT	MSIEFPEMLA	EIITNQLPKY	SNGNIKKLLF
Human	MHEVVENLLN	YCFQTFLDKT	MSIEFPEMLA	EIITNQIPKY	SNGNIKKLLF
m14053 rat	MHEVVENLLT	YCFQTFLDKT	MSIEFPEMLA	EIITNQIPKY	SNGNIKKLLF
x04435 mouse	MHDVVENLLS	YCFQTFLDKS	MSIEFPEMLA	EIITNQIPKY	SNGNIKKLLF

u87951 Squirrel	HQK
AF141371 Pig	...
l13196 Guinea Pig	HQK
u87953 Marmoset	HQK
u87952 Ma'z Monkey	HQK
Human	HQK
m14053 rat	HQK
x04435 mouse	HQK

FIGURE 7

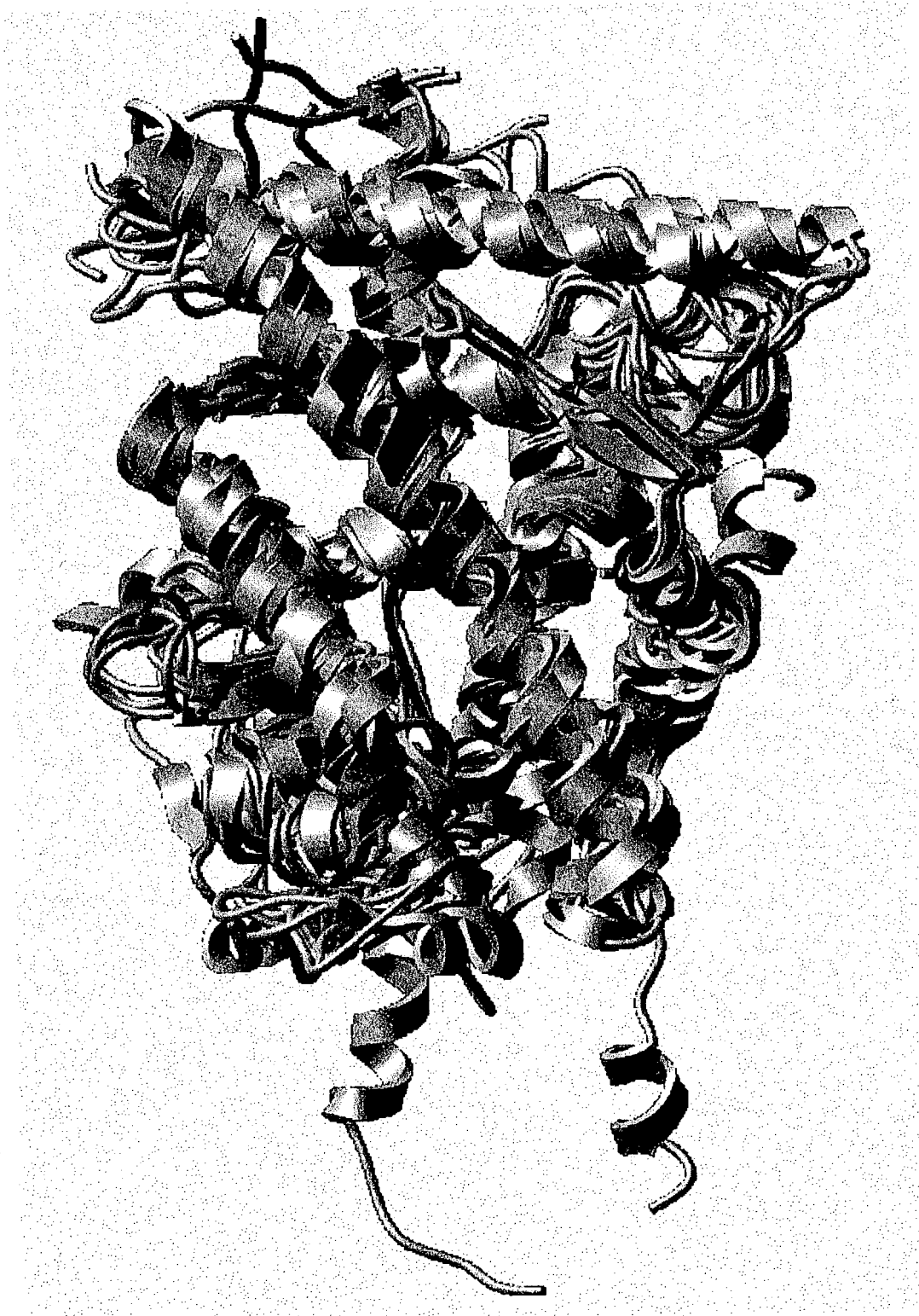


FIGURE 8

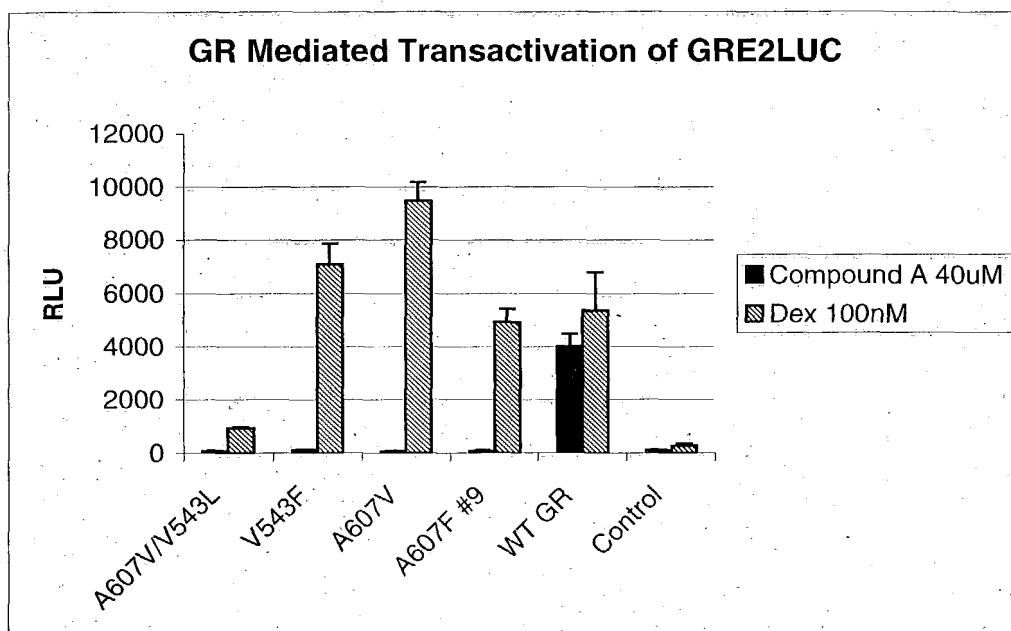


FIGURE 9

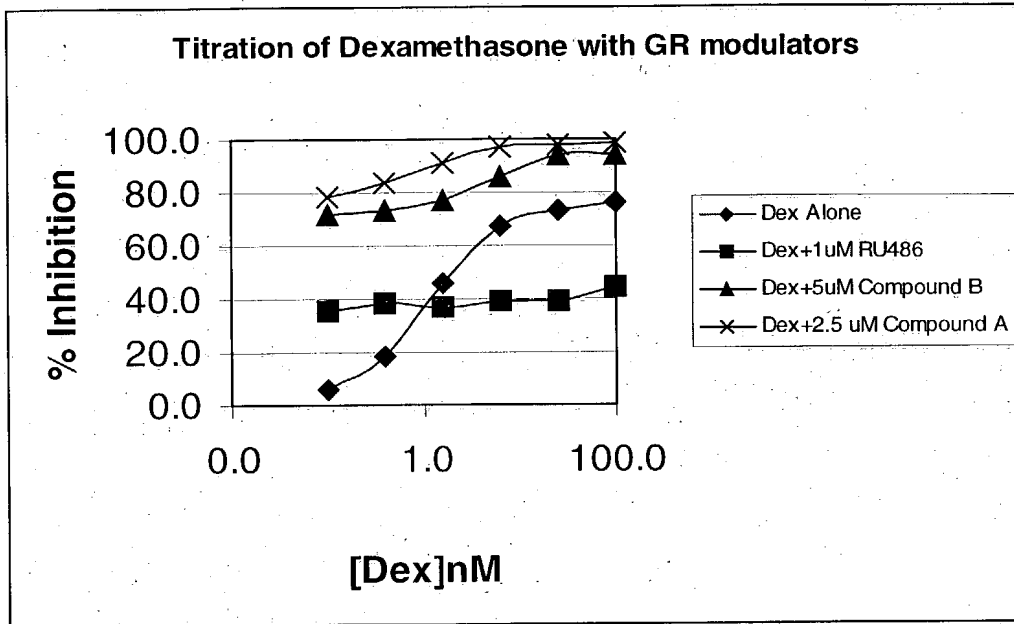


FIGURE 10

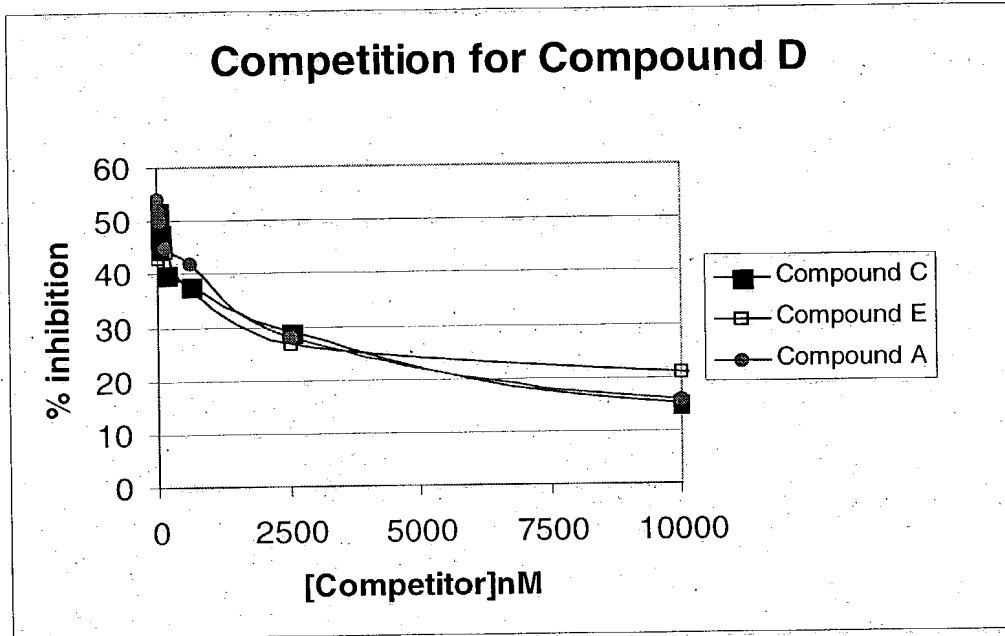


FIGURE 11a

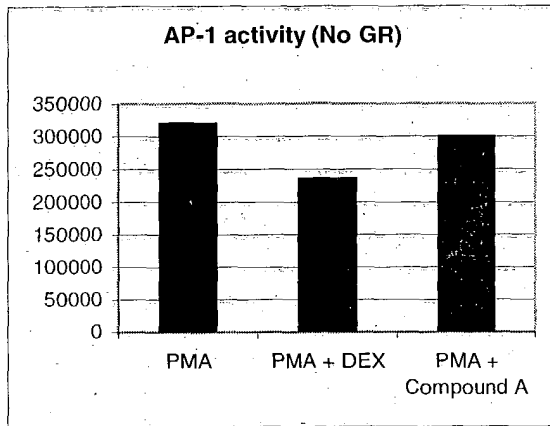


FIGURE 11b

